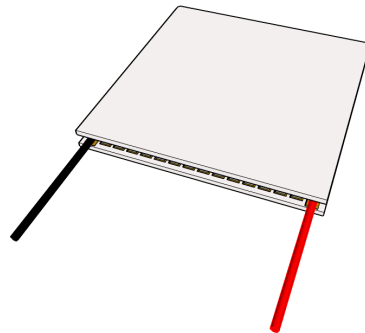


# TEC Specification Sheet

Part #	I <sub>max</sub> (Amps)	Q <sub>max</sub> (Watts)	V <sub>max</sub> (Volts)	DT <sub>max</sub> (°C)	T <sub>max</sub> (°C)
<b>12711-9L31-06CW</b>	6.0	51.0	15.6	68°C	200°C



Lapped

### Custom Options:

Call for custom wire types and other custom options.

### Notes:

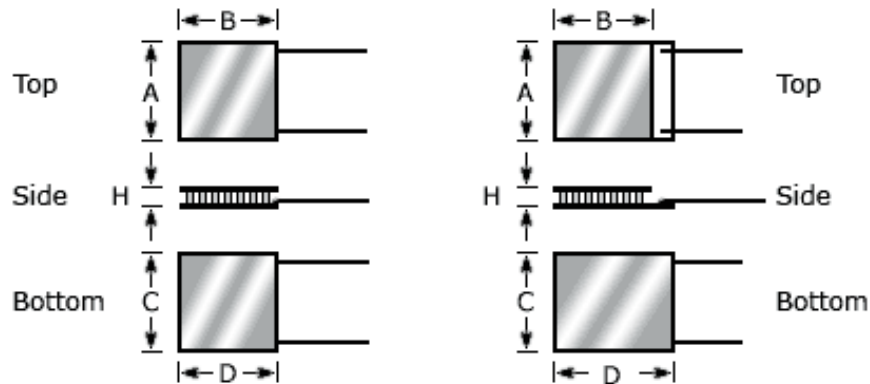
Typical power input is 40% to 80% of I<sub>max</sub>

Maximum Waste Heat (exiting the hot side) at 100% input power, I=I<sub>max</sub>, V=V<sub>max</sub> is;

$$(I_{max} * V_{max}) + Q_{max} = 144.6 \text{ watts}$$

Use of a properly sized heat sink or water block is required to remove waste heat.

Bottom Plate				Top Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
50.0	1.97	50.0	1.97	50.0	1.97	50.0	1.97	NA	NA	5.3	.209



Tolerances (typical)  
 A, B, C, D = ±0.20mm (±0.008")  
 H = ±0.2mm (±0.008")

